

## Chapter - 1

- Enterprise Warehouse, Virtual Warehouse
- Define the following term Business Intelligence
- Relationship between BI and MIS,

## Chapter - 2

- Rollup - drill-down, slide, dice Pivot (Jmp)
- OLTP Vs OLAP (Jmp)
- Starflake, Snowflake, Fact Constellation (Jmp)



→ Data Warehouse architecture

### Chapter - 3

- Data Mining (Imp)
- KDD (Imp)
- Data Mining issues (Imp)
- Data Mining in Databases
  - 1) Temporal Database
  - 2) Sequences Database
  - 3) Spatial Database
  - 4) Spatiotemporal Database

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### Chapter - 4

- Min-Max Example (Imp)
- Methods of handling missing Values. (Imp)
- binning and Example (Imp)
- Importance of Visualization technique (Imp) and Visualization technique in KDD
- Data preprocessing

### Chapter - 5

- Association Rules for Support and Confidence
- Apriori algorithm and Example (Imp)
- ~~Association, classification, prediction~~

### Chapter - 6

- Association, classification, Prediction
- Decision Tree (Imp)
- pruning, postpruning
- naive Bayesian classification (Imp)

### Chapter - 7

→ Fraud detection for telecommunication industry (Imp)

### Chapter - 8

→ Hadoop Architecture, HDFS (Imp)

→ Big Data (Imp)

→ Web mining, Text Mining (Imp)